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October 6, 2005

Mayor Tom Arthur  
City of Brazil  
203 East National Avenue  
Brazil, IN 47834

Dear Mr. Arthur,

M.E. Simpson Company is a technical service company that offers Leak Survey Programs, Large Meter Testing and Repair Programs, Water Main Location, and Valve Exercising, Location and Computer Mapping Programs. These "Technical Services" offered by M. E. Simpson Company are designed to aid a utility in reducing unaccounted for water and lost revenue.

M. E. Simpson Company is pleased to submit this report of our leak detection survey for the City of Brazil. This survey addressed the Brazil water distribution system, consisting of approximately 73 miles of water main. The report contains the results of our investigation that includes the following:

1. A DESCRIPTION OF THE AREA SURVEYED.
2. METHODOLOGY OF THE SURVEY.
3. A LIST OF LEAKS AND TYPE OF LEAK LOCATED.
4. GENERAL RECOMMENDATIONS BASED ON OUR INVESTIGATION.

#### DESCRIPTION OF THE AREA SURVEYED

Approximately 385,440 lineal feet were surveyed as part of the system investigation. This included all fire hydrants, all accessible mainline valves, and selected services.

#### METHODOLOGY

Your survey was conducted using the latest state of the art leak computers, the **FLUID CONSERVATION SYSTEMS' Tri-Corr 2001** the **90/90** or **C2000** with the **MP90** preamplifier-transducer system. All of these correlators are manufactured by Fluid Conservation Systems of Milford, Ohio. These electronic instruments are microprocessor units that measure the time it takes the sound of the leak to travel from the leak to the point where the leak correlator is connected to the water line. By connecting the leak correlator to the water line at two locations, it will compute the distance from the leak to each connection point thus enabling us to determine the exact leak location. Our experienced technicians used these devices, along with the **S20** electronically enhanced listening device, as listening equipment to survey your pipeline network. Each hydrant and accessible valve was used as listening points to identify leaks. One hundred services, b-boxes, were used on an as needed basis to keep the listening distances under five hundred feet (500'). All PVC style watermains were investigated via correlation. Correlation distances for PVC did not exceeding five hundred feet (500') unless listening points were unavailable. "Pin-Pointing" of the leak, as well as locating leaks that other methods fail to reveal was also done with this equipment.

## LEAKAGE LOCATED

All water mains within the Project area were surveyed and 30 leaks were located. These leaks have been grouped as follows: Main Line Leak - 7, Service Line Leak - 1, Fire Service Leak-0, Valve Leak - 3, Hydrant Leak - 19, Other Type Leak - 0. All of these leaks have been verbally reported to your office with these locations, so many have probably been repaired already. Following are the leak locations with an estimated GPD (Gallons Per Day) leakage potential.

Type	Location	SIZE
Main Line	25 Ridge Street see enclosed diagram	12,960 GPD
Main Line	406 Ringo Drive see enclosed diagram	7,200 GPD
Main Line	613 Columbia Street see enclosed diagram	7,200 GPD
Main Line	Alabama Street & Compton Street see enclosed diagram	7,200 GPD
Main Line	Johnson Street & Jackson Street see enclosed diagram	7,200 GPD
Main Line	Leavitt Street & Posey Street see enclosed diagram	7,200 GPD
Main Line	205 Epworth Street (S) see enclosed diagram	4,320 GPD
Service Line	511 Locust Drive see enclosed diagram	2,880 GPD
Valve	Tobe Sutherlin Lane & Nabuca Drive see enclosed diagram	5,760 GPD
Valve	Chicago Avenue & Noble Street see enclosed diagram	2,880 GPD
Valve (packing)	Meridian Street & Logan Street see enclosed diagram	720 GPD
Hydrant	1619 - 1638 Stone Drive see enclosed diagram	4,320 GPD
Hydrant	403 Sycamore Street see enclosed diagram	2,880 GPD
Hydrant	Locust Drive & Magnolia Drive see enclosed diagram	2,880 GPD
Hydrant	200 West & County Road 340 see enclosed diagram	1,440 GPD
Hydrant	Alabama Street & Hendrix Street see enclosed diagram	1,440 GPD
Hydrant	Chicago Avenue & William Street see enclosed diagram	1,440 GPD
Hydrant	Chicago Street & Noble Street see enclosed diagram	1,440 GPD
Hydrant	Harrison Street & National Avenue see enclosed diagram	1,440 GPD

Type	Location	SIZE
Hydrant	National Avenue & MI Windows and Doors Company see enclosed diagram    **Fixed**	1,440 GPD
Hydrant	Walnut Street & Chestnut Street see enclosed diagram	1,440 GPD
Hydrant	Walnut Street & Hendrix Street see enclosed diagram	1,440 GPD
Hydrant	Warren Street & Central Street see enclosed diagram	1,440 GPD
Hydrant	Warren Street & Logan Street see enclosed diagram	1,440 GPD
Hydrant	1098 Deer Creek Drive see enclosed diagram    **Fixed**	720 GPD
Hydrant	Ashley Street & Olive Street see enclosed diagram	720 GPD
Hydrant	Chicago Avenue & National Avenue see enclosed diagram	720 GPD
Hydrant	Chicago Street & Posey Street see enclosed diagram    **Fixed**	720 GPD
Hydrant	Desart Street & North Street see enclosed diagram	720 GPD
Hydrant	Leavitt Street & Center Street see enclosed diagram	720 GPD
<b>30 Leaks Located</b>	<b>ESTIMATED LEAKAGE TOTAL</b>	<b>94,320 GPD</b>

## LEAK QUANTITIES

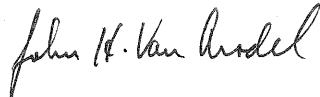
Quantifying leaks is difficult because there is not any accurate means of doing so. Pipe material, size of the leak, system pressure, soil material and water table will effect the noise that a leak makes. Small leaks under high system pressure will make more noise than a large leak under low system pressure. However, the above leaks are of sufficient noise levels that the above estimates should be very conservative. Using an estimated price of \$1.00 per thousand gallons, these leaks were costing your utility in excess of \$94.32 per day or \$34,426 annually. It's obvious that this Leak Survey Program has proven to be cost effective. Naturally the main line leaks have the greatest potential for loss followed by service line, valves, and finally hydrants. Once leaks have been repaired, we would recommend that the Utility compare pumping rates before and after. This information will be more meaningful and accurate.

## RECOMMENDATIONS

This survey confirms that the City of Brazil's water distribution system will benefit from this project by a reduction in underground leakage. There is always a concern over the cost effectiveness of leak detection because of the uncertainty of the number of leaks located. However, with your present cost of water and the discovery of these thirty leaks, the cost of this 2005 leak survey will pay for itself within six months. It only takes a recovery of about 49,041 gallons per day on an annual basis (49,041 gallons per day is only 34.1 gallons per minute throughout your entire water distribution system) to recover your investment. We would recommend that you conduct a Leak Survey Program every year. This recommendation becomes more critical as your cost of water increases.

We appreciate your cooperation and that of the utility staff who were available to answer our questions during this project. If you have any questions with the information in this report, please do not hesitate to call.

Sincerely Yours,



John H. Van Arsdel  
Marketing Manager  
JHV/jph

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

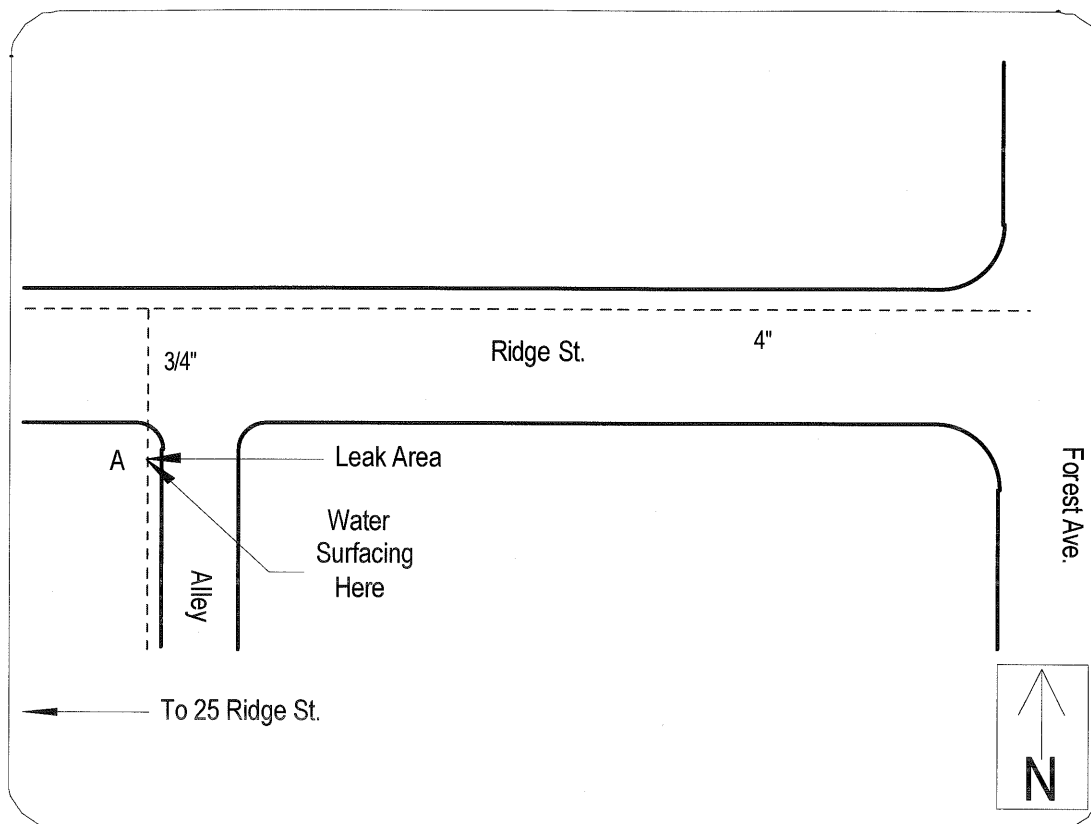
**Time:** 08:40

**Date:** Thursday, September 22, 2005

**Tech:** David C. & Eric B.

**Address:** 25 Ridge Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Area of 3/4" Main

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a leak on a 3/4" main. We notified the Utility and they were to repair this leak immediately.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

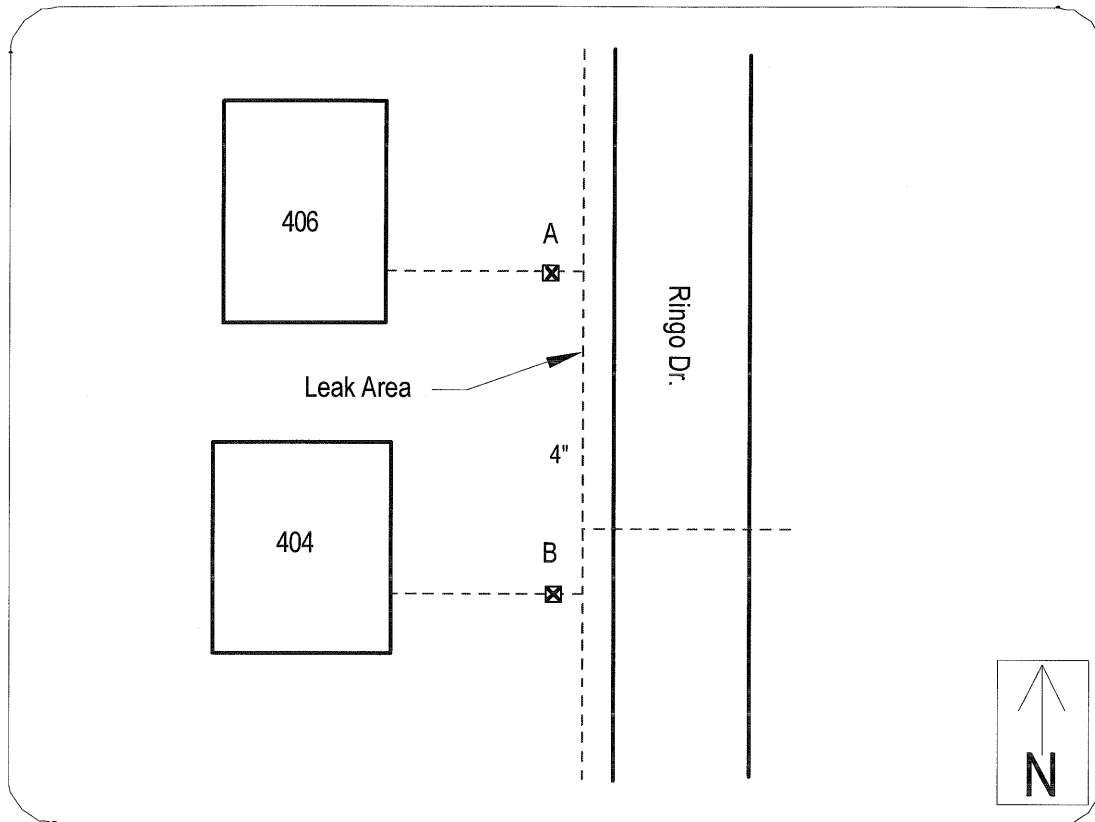
**Time:** 09:20

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** 406 Ringo Drive

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 75' from A to B

**Connection point:** A= Meter Pit

**Connection point:** B= Meter Pit

**Connection point:**

**Connection point:**

**Leak Location:** 22' from A

**Comments:** This is a leak on a 4" main. The Utility was notified and will repair this leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

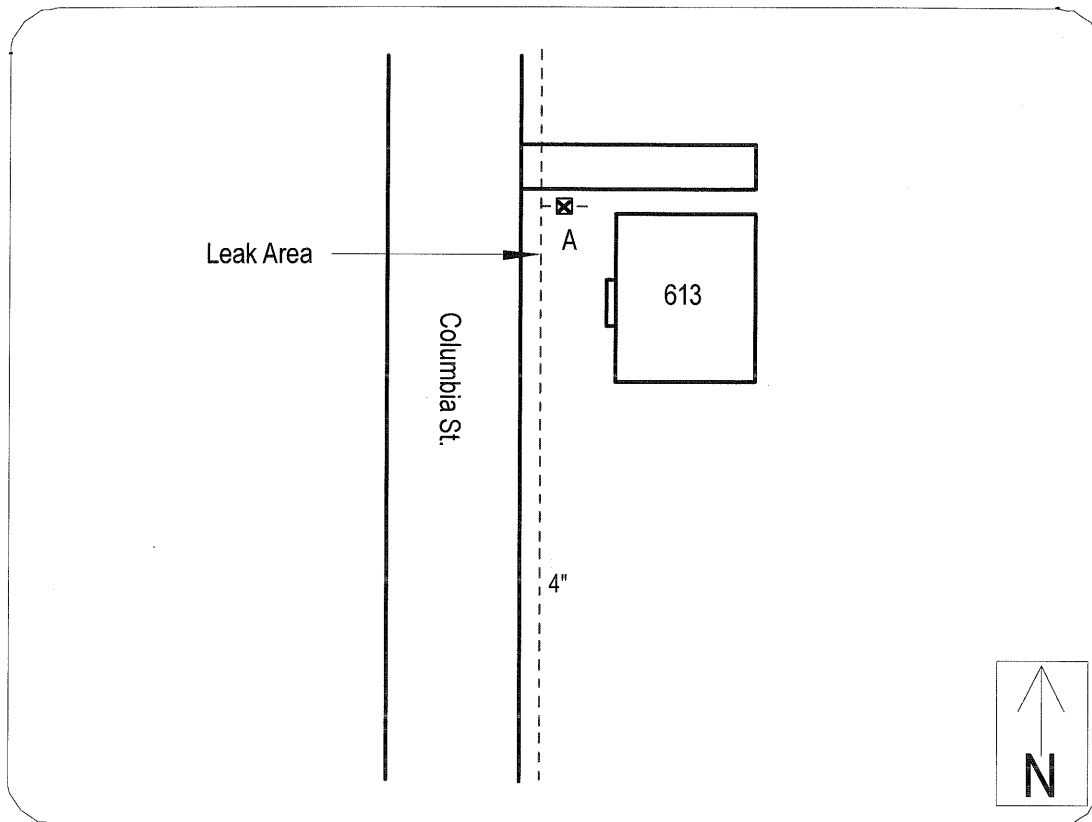
**Time:** 15:05

**Date:** Monday, September 19, 2005

**Tech:** David C. & Eric B.

**Address:** 613 Columbia Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Meter Pit

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 15' from A

**Comments:** This is a leak on a 4" main.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

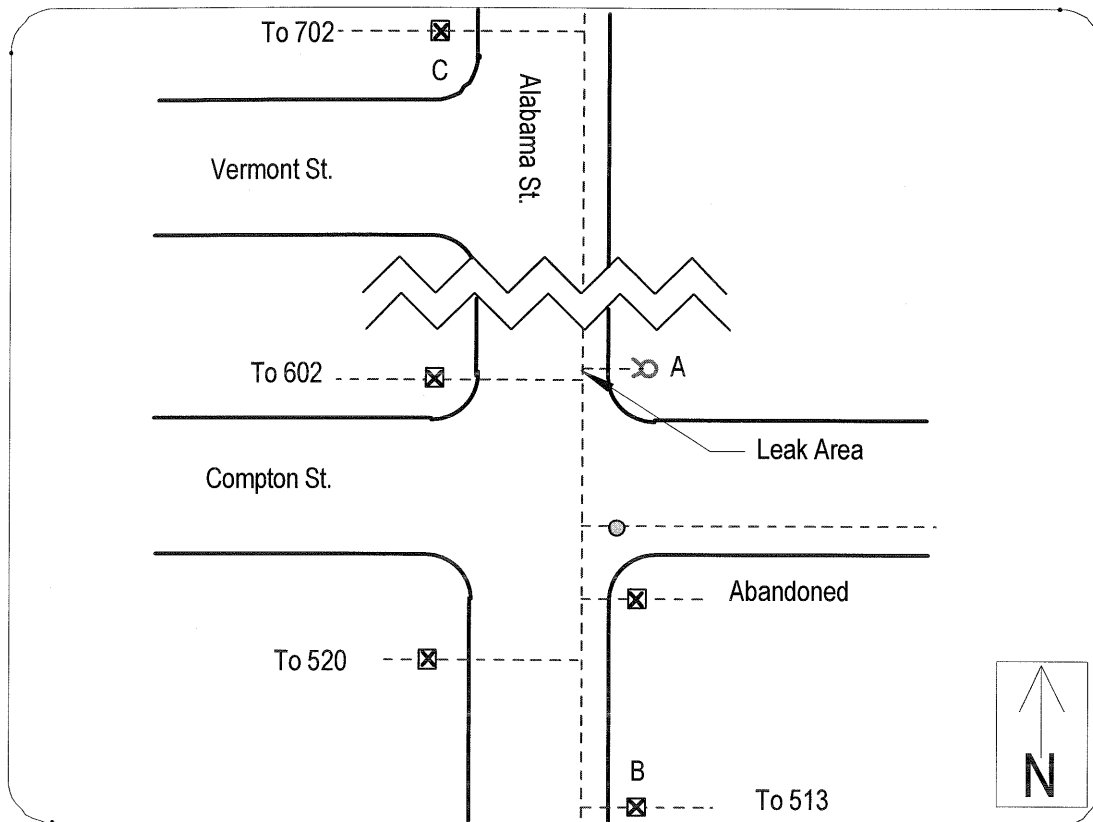
**Time:** 09:21

**Date:** Tuesday, September 20, 2005

**Tech:** David C. & Eric B.

**Address:** Alabama Street & Compton Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 132' from A to B / 266' from A to C

**Connection point:** A= Hydrant

**Connection point:** B= Meter for 513

**Connection point:** C= Meter for 702

**Connection point:**

**Leak Location:** 13' from A

**Comments:** This is a leak on the main where it connects to the hydrant lead.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*



**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

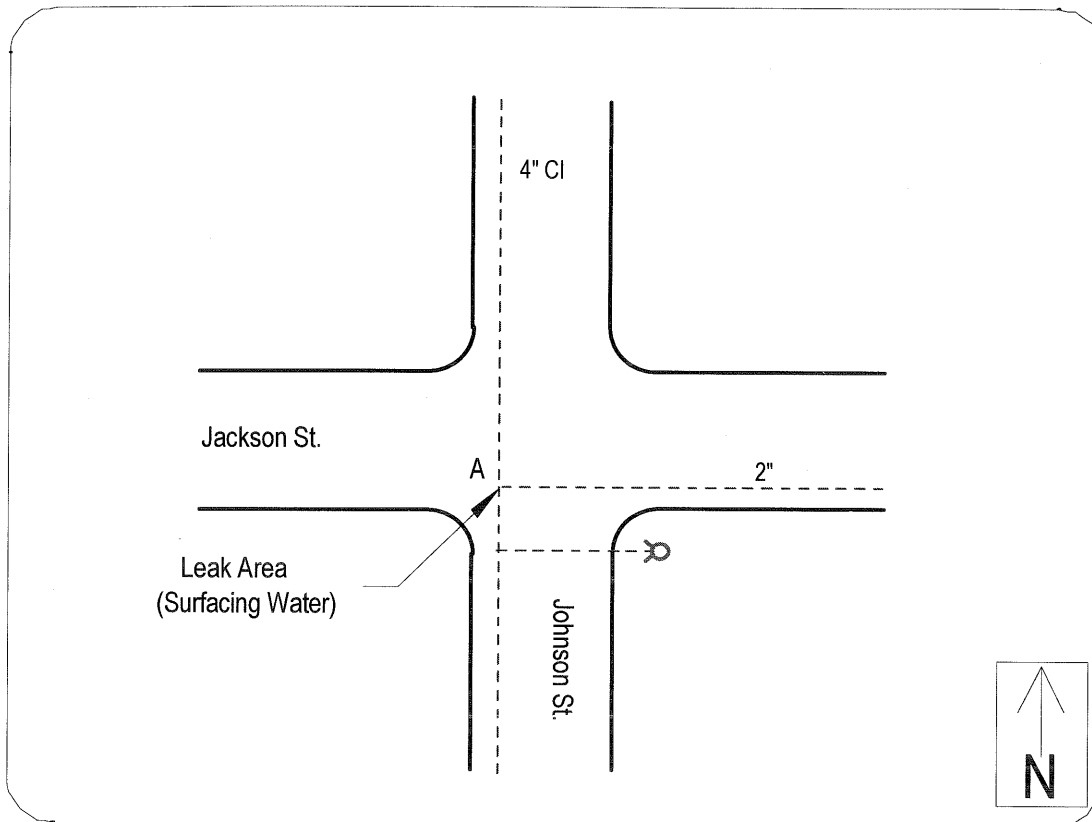
**Time:** 10:30

**Date:** Thursday, September 08, 2005

**Tech:** David C. & Eric B.

**Address:** Johnson Street & Jackson Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= On Main at Tee

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a main line leak. The Utility was notified and will repair this leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

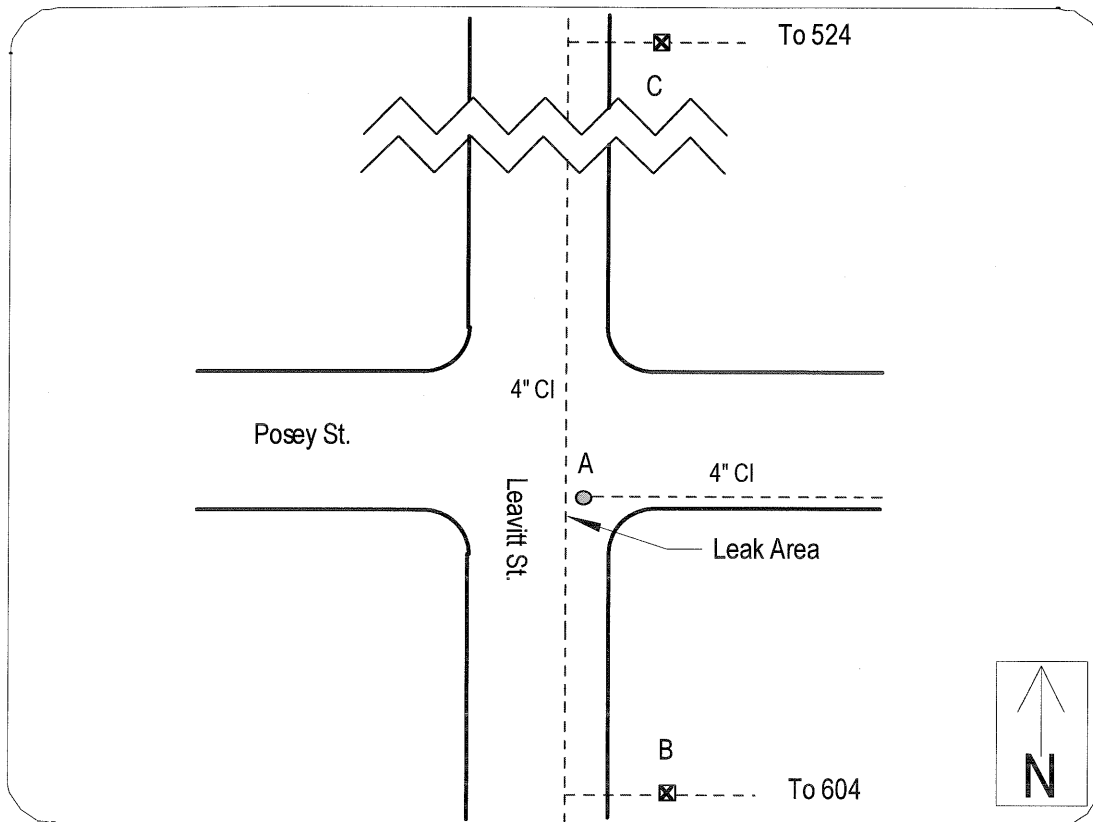
**Time:** 15:30

**Date:** Wednesday, September 21, 2005

**Tech:** David C. & Eric B.

**Address:** Leavitt Street & Posey Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 88' from A to B / 228' from B to C

**Connection point:** A= Main Line Valve

**Connection point:** B= Service for 604

**Connection point:** C= Service for 524

**Connection point:**

**Leak Location:** 3' from A

**Comments:** This is a leak on a 4" main.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

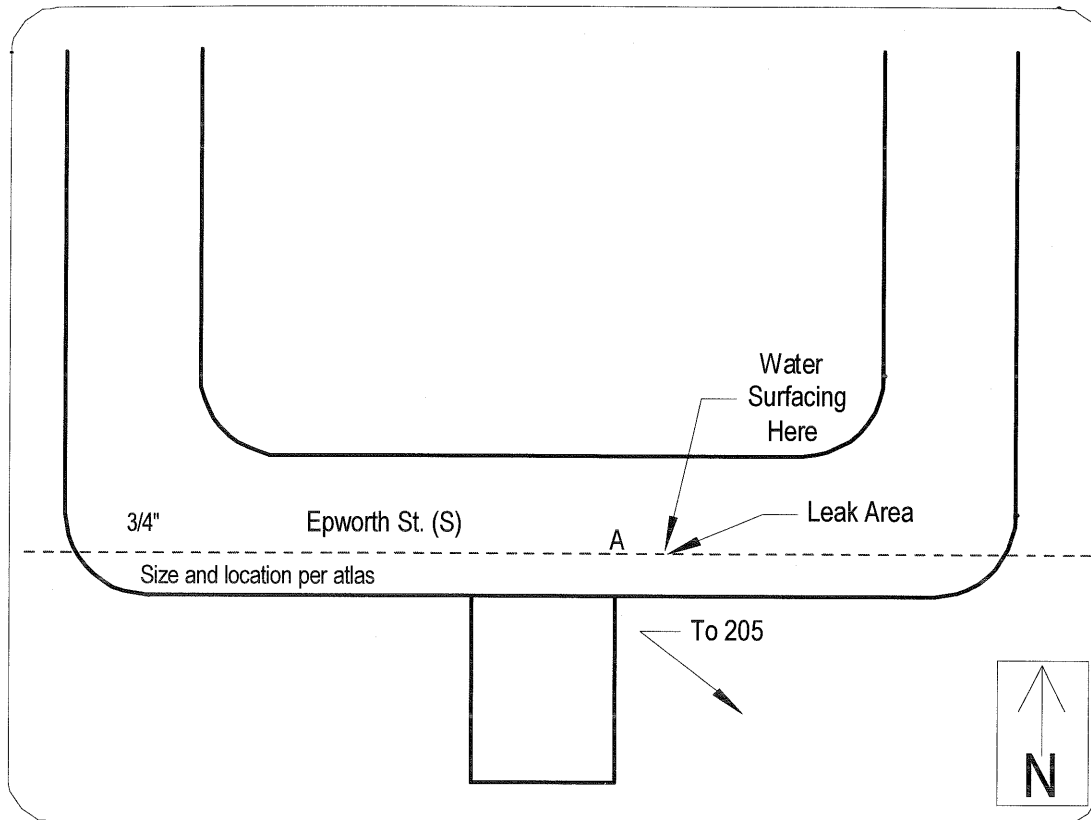
**Time:** 10:30

**Date:** Thursday, September 22, 2005

**Tech:** David C. & Eric B.

**Address:** 205 Epworth Street (S)

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Area of 3/4" Main

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a leak on a 3/4" main. The Utility has been notified.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

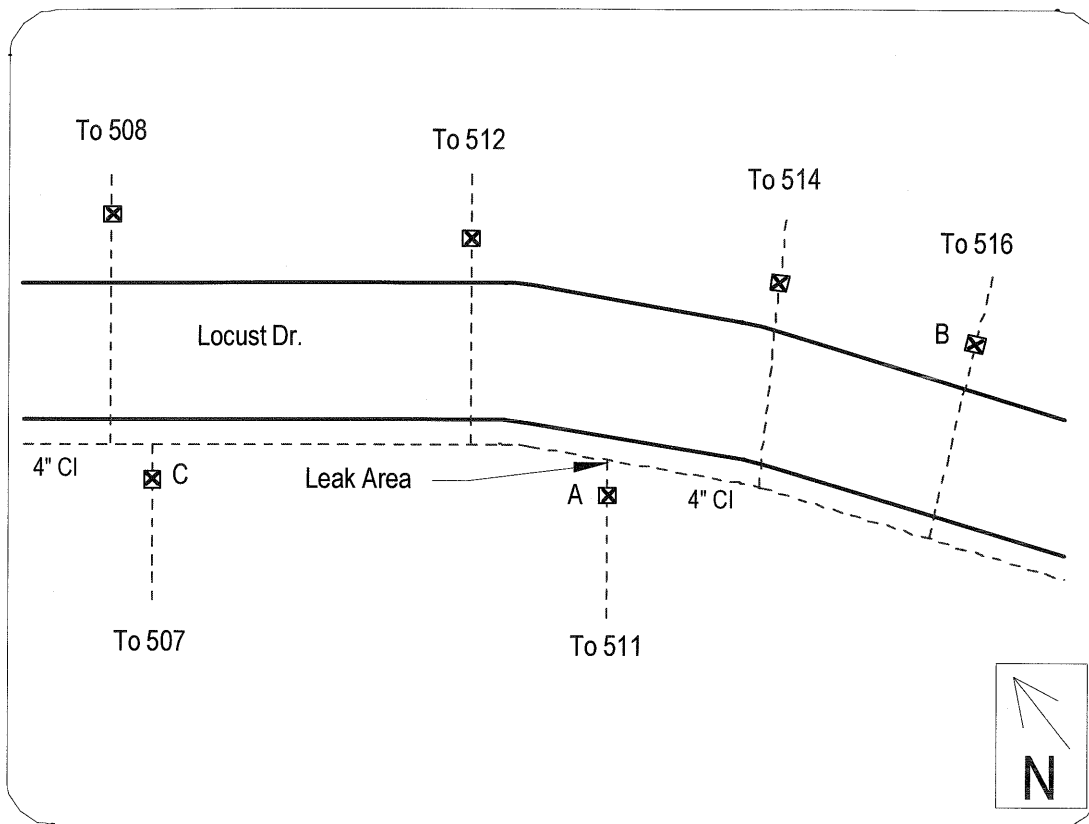
**Time:** 10:14

**Date:** Friday, September 16, 2005

**Tech:** David C. & Eric B.

**Address:** 511 Locust Drive

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 134' from A to B / 244' from B to C

**Connection point:** A= Meter Pit for 511

**Connection point:** B= Meter Pit for 516

**Connection point:** C= Meter Pit for 507

**Connection point:**

**Leak Location:** 9' from A

**Comments:** This is a service leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

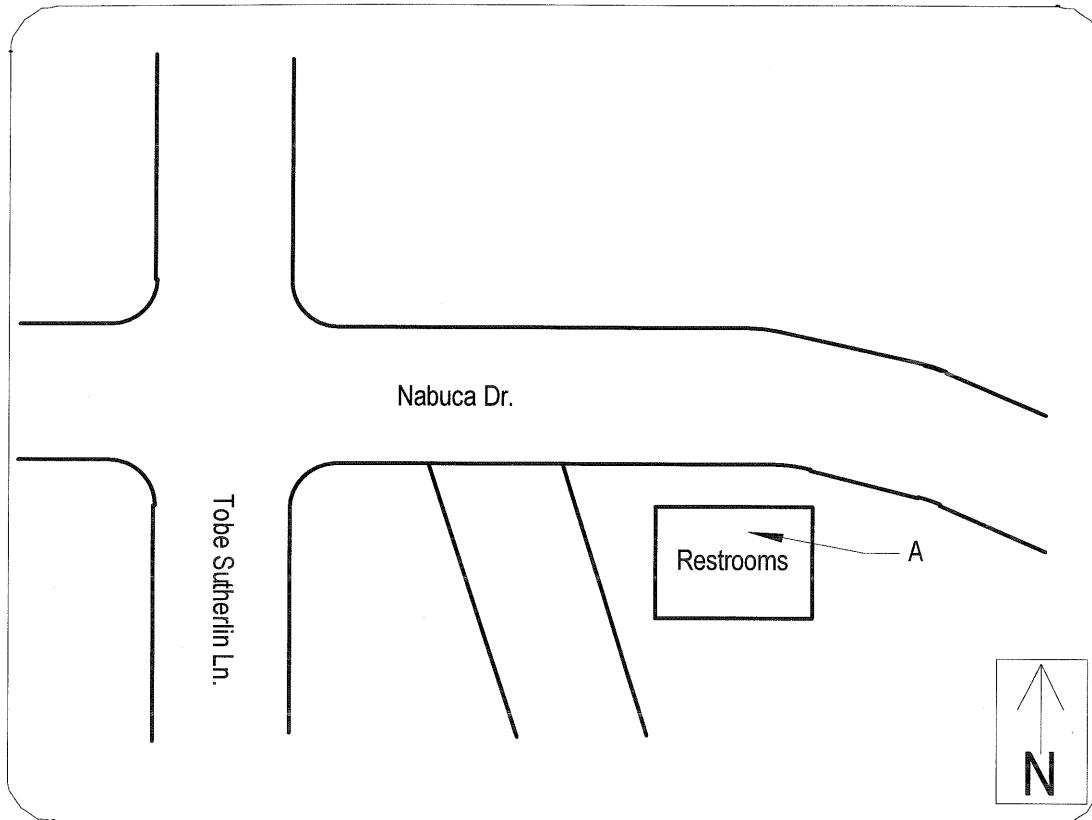
**Time:** 10:40

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Tobe Sutherlin Lane & Nabuca Drive

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Urinals in Men's Room

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a leak on the Sloan valves on the urinals. The valves are on full flush at all times. This is unmetered water.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

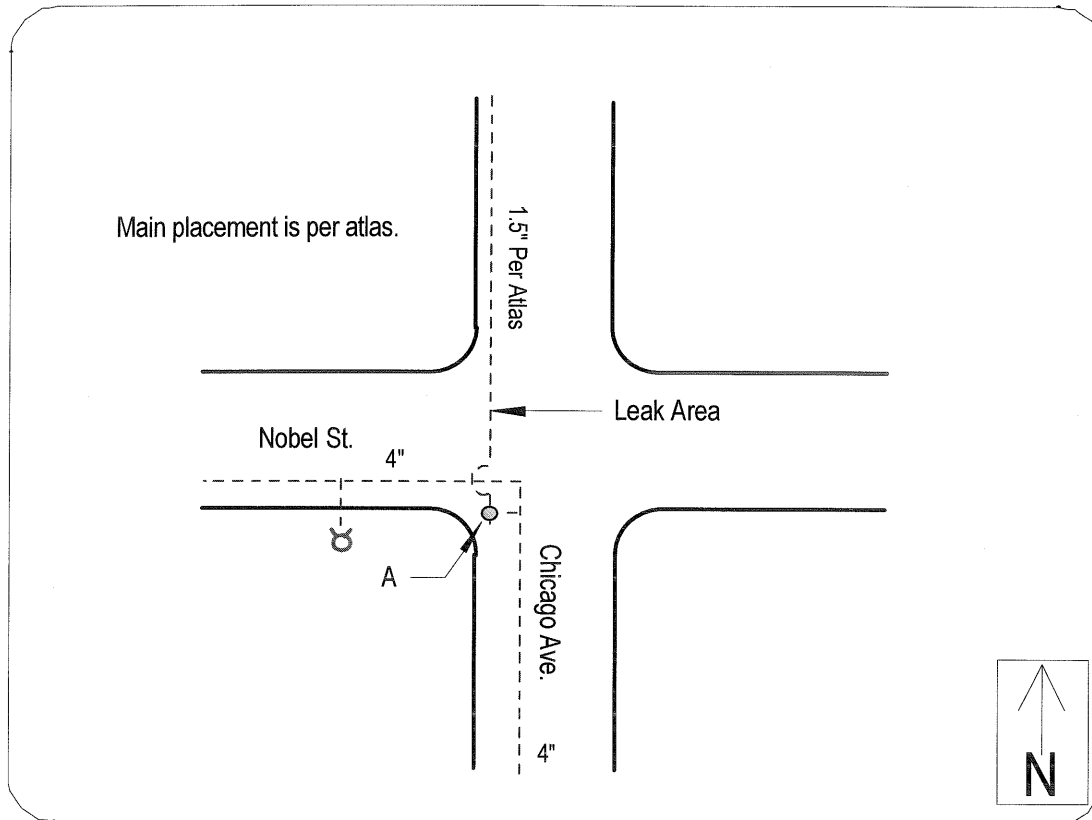
**Time:** 09:14

**Date:** Wednesday, September 21, 2005

**Tech:** David C. & Eric B.

**Address:** Chicago Avenue & Noble Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:**

**Connection point:** A= Valve

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 17' from A

**Comments:** This is a valve leak. This leak is surfacing and the Utility has been notified.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

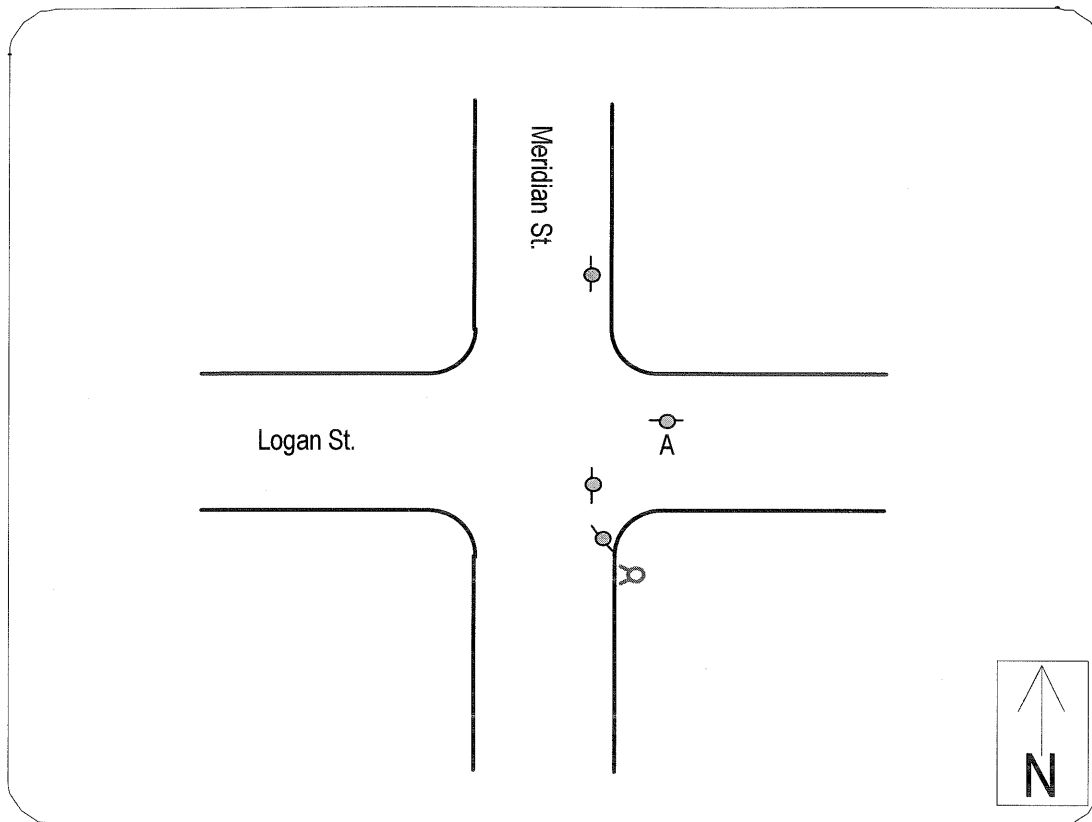
**Time:** 08:22

**Date:** Wednesday, September 21, 2005

**Tech:** David C. & Eric B.

**Address:** Meridian Street & Logan Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Main Line Valve

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a packing leak on a main line valve.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

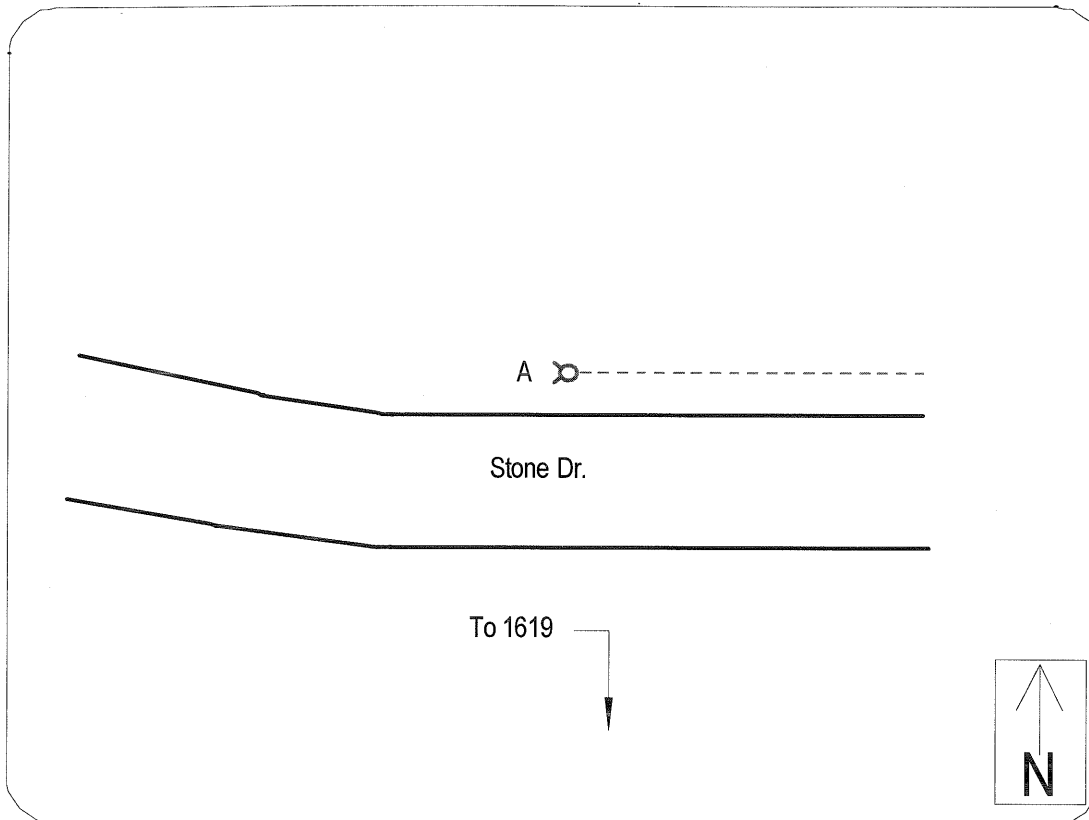
**Time:** 09:51

**Date:** Friday, September 09, 2005

**Tech:** David C. & Eric B.

**Address:** 1619 - 1638 Stone Drive

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Flush Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a leak on the flush hydrant. It could not be shut off. The Utility removed the hydrant.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*



**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

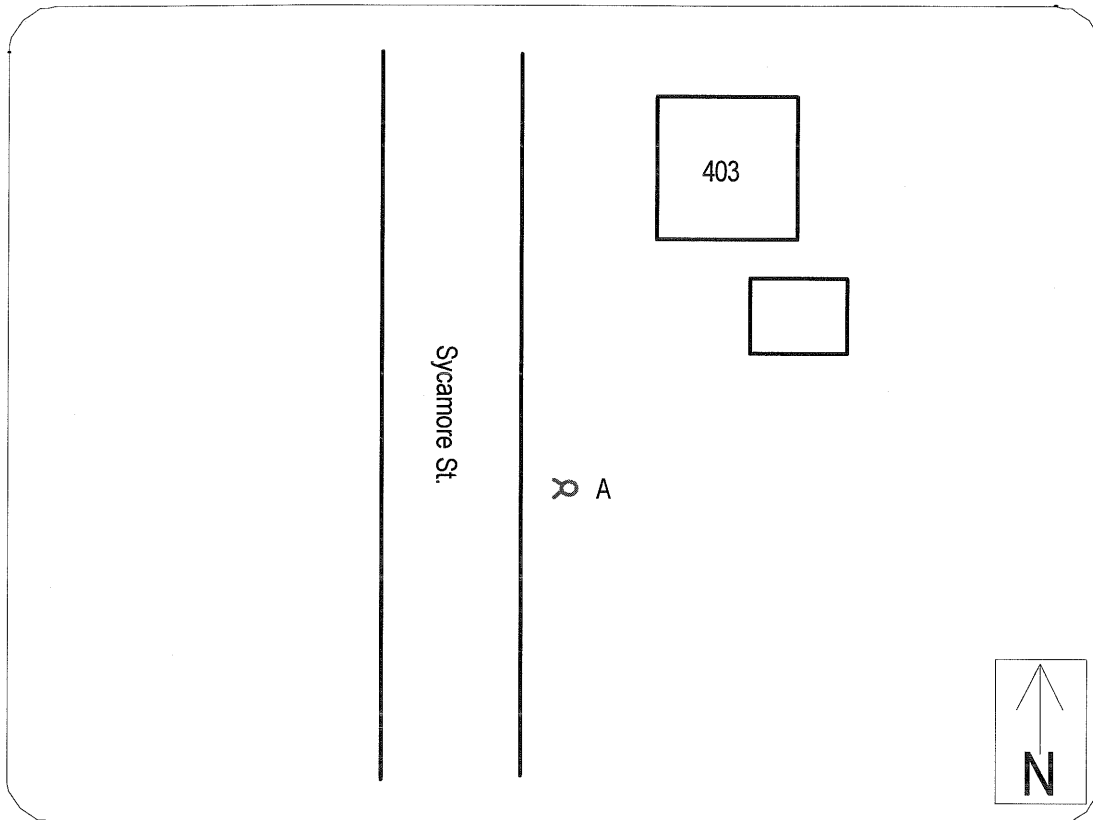
**Time:** 08:27

**Date:** Monday, September 19, 2005

**Tech:** David C. & Eric B.

**Address:** 403 Sycamore Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

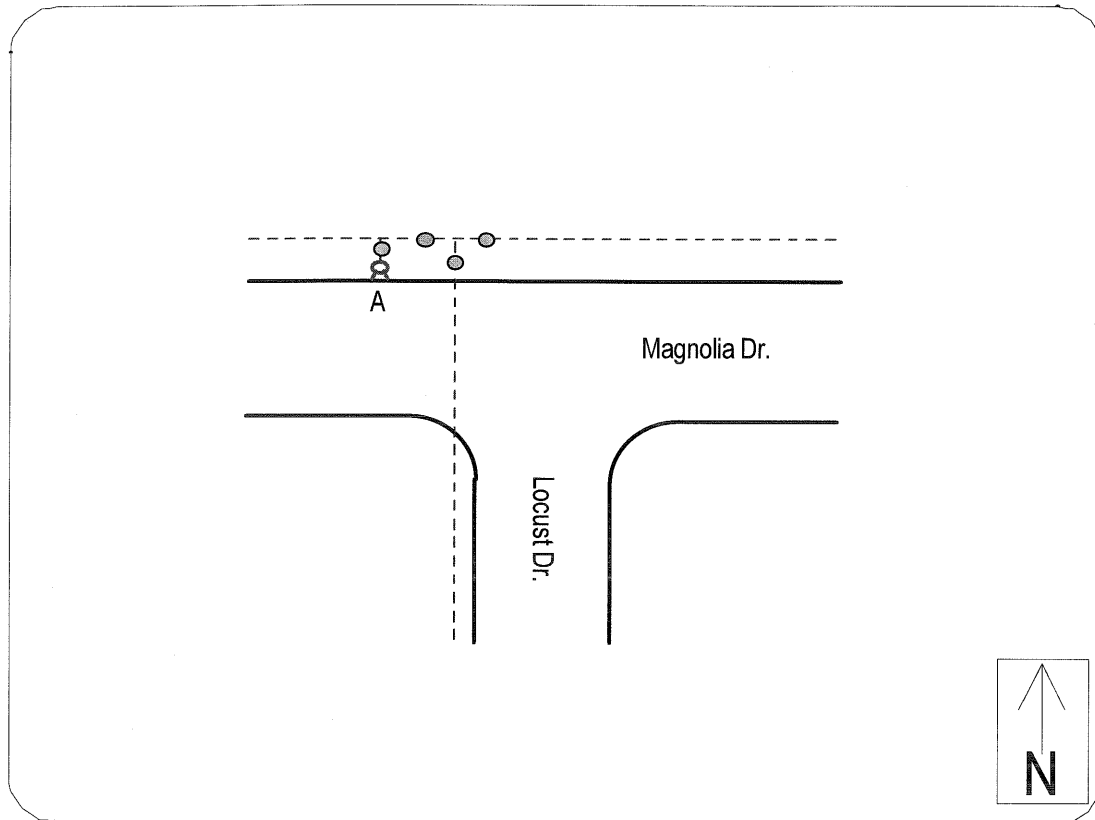
**Time:** 10:25

**Date:** Friday, September 16, 2005

**Tech:** David C. & Eric B.

**Address:** Locust Drive & Magnolia Drive

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

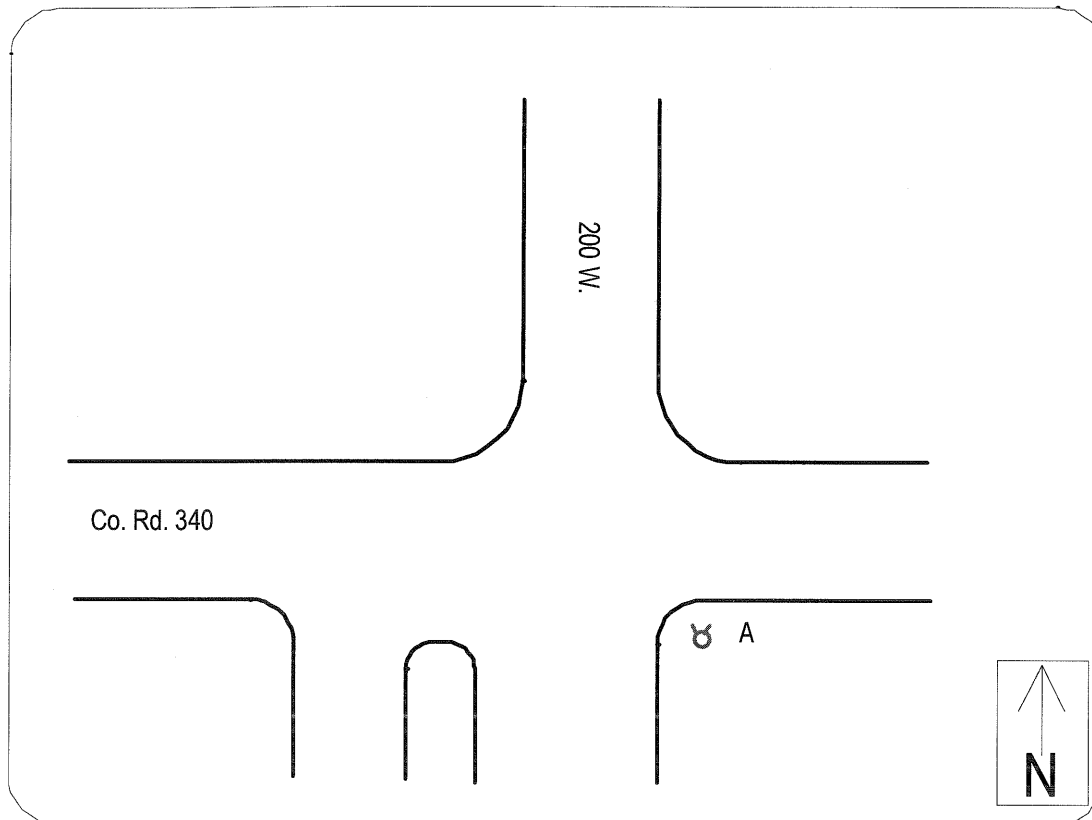
**Time:** 09:39

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** 200 West & County Road 340

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak. The rear body of hydrant was split to the bonnet.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

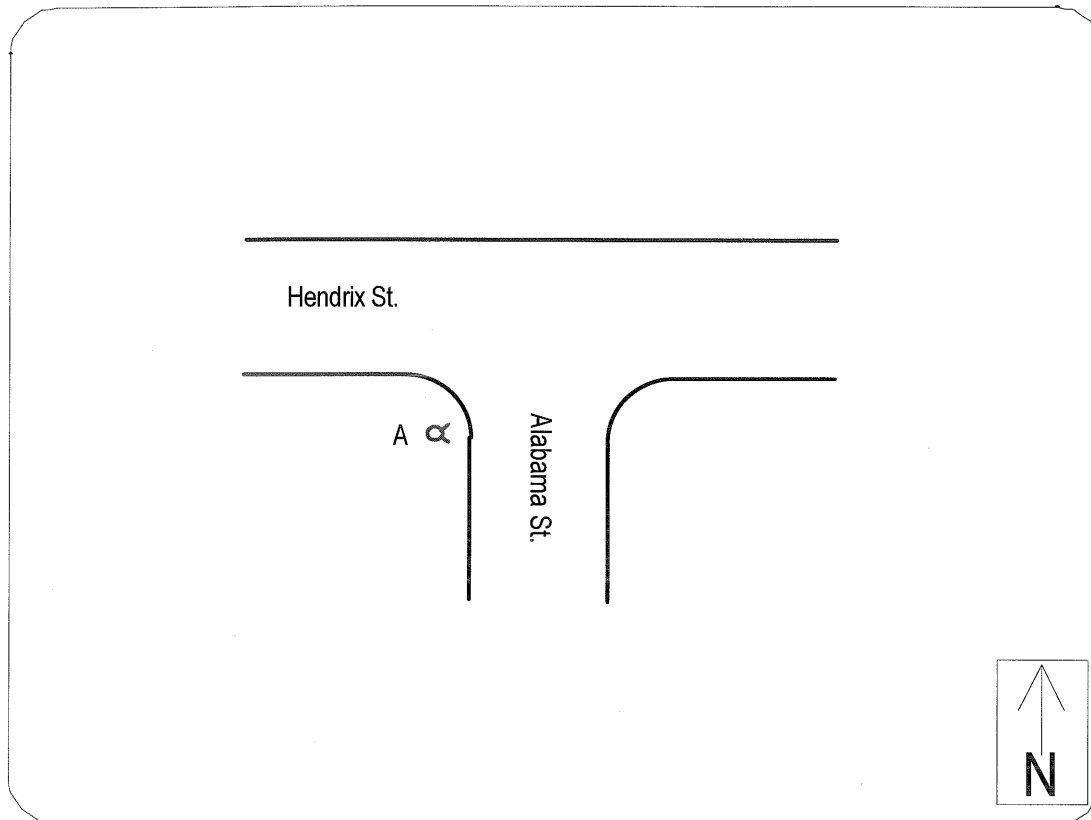
**Time:** 08:30

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Alabama Street & Hendrix Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

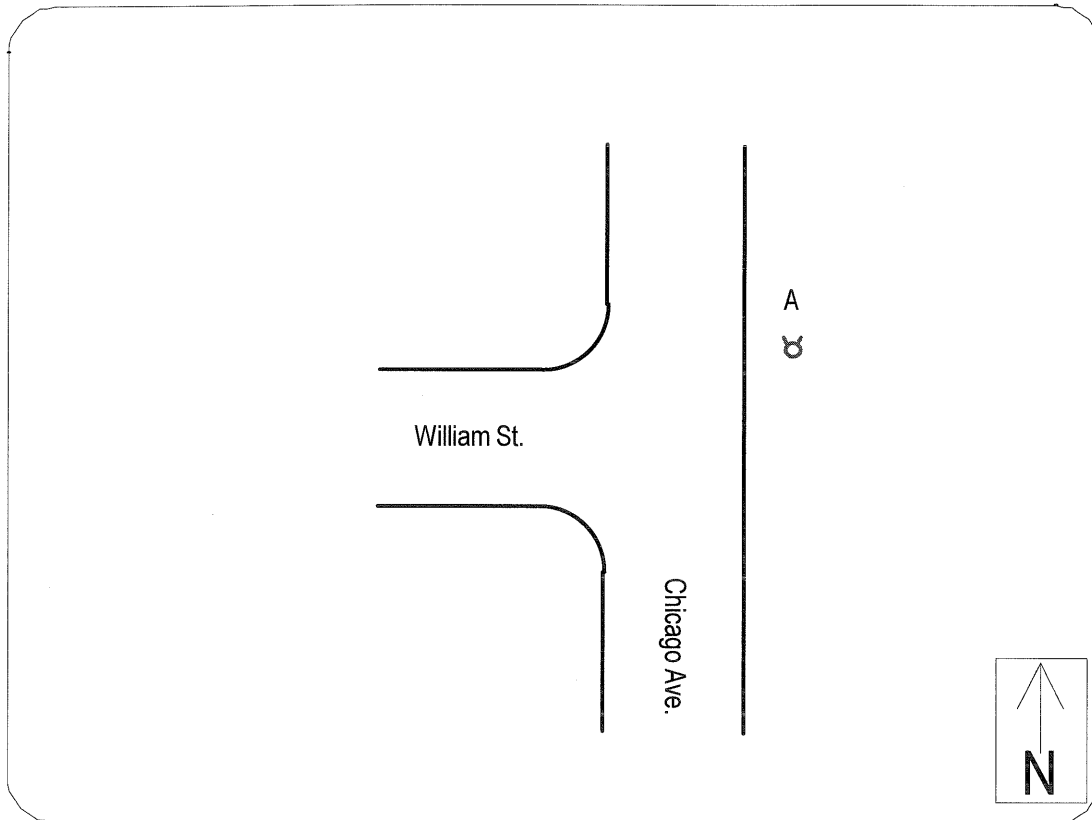
**Time:** 08:18

**Date:** Thursday, September 22, 2005

**Tech:** David C. & Eric B.

**Address:** Chicago Avenue & William Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant (Frost Free)

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

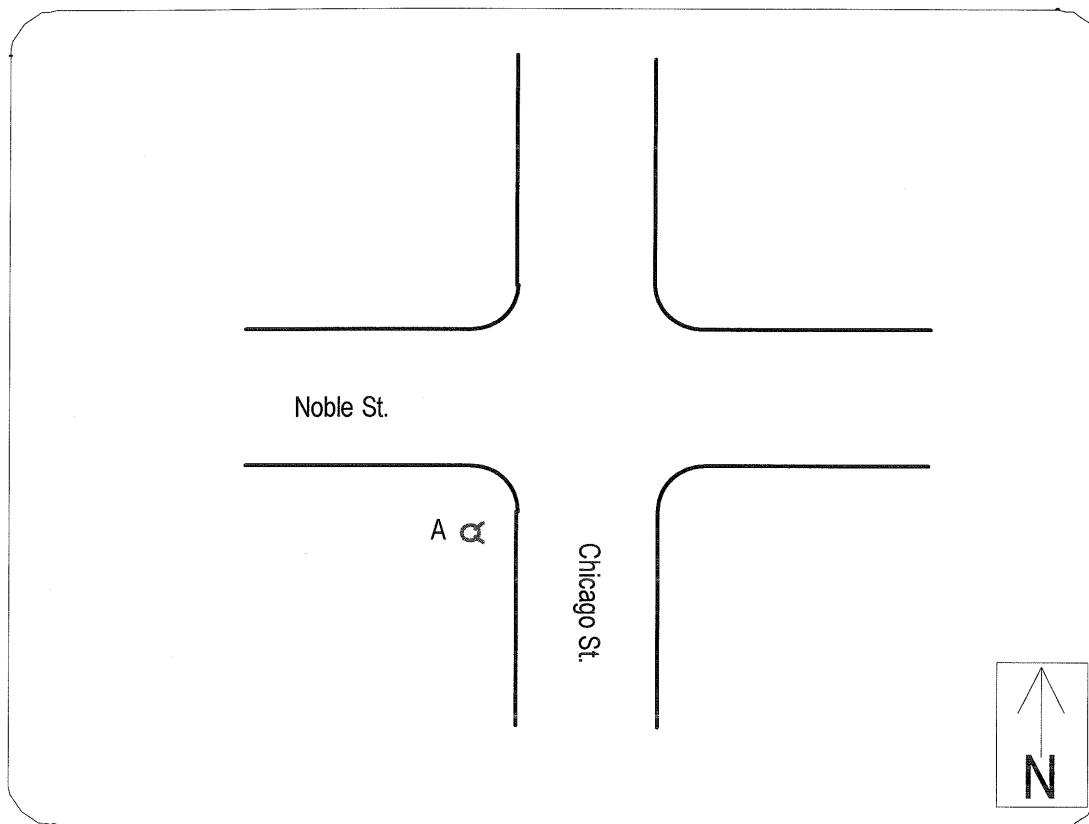
**Time:** 09:02

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Chicago Street & Noble Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

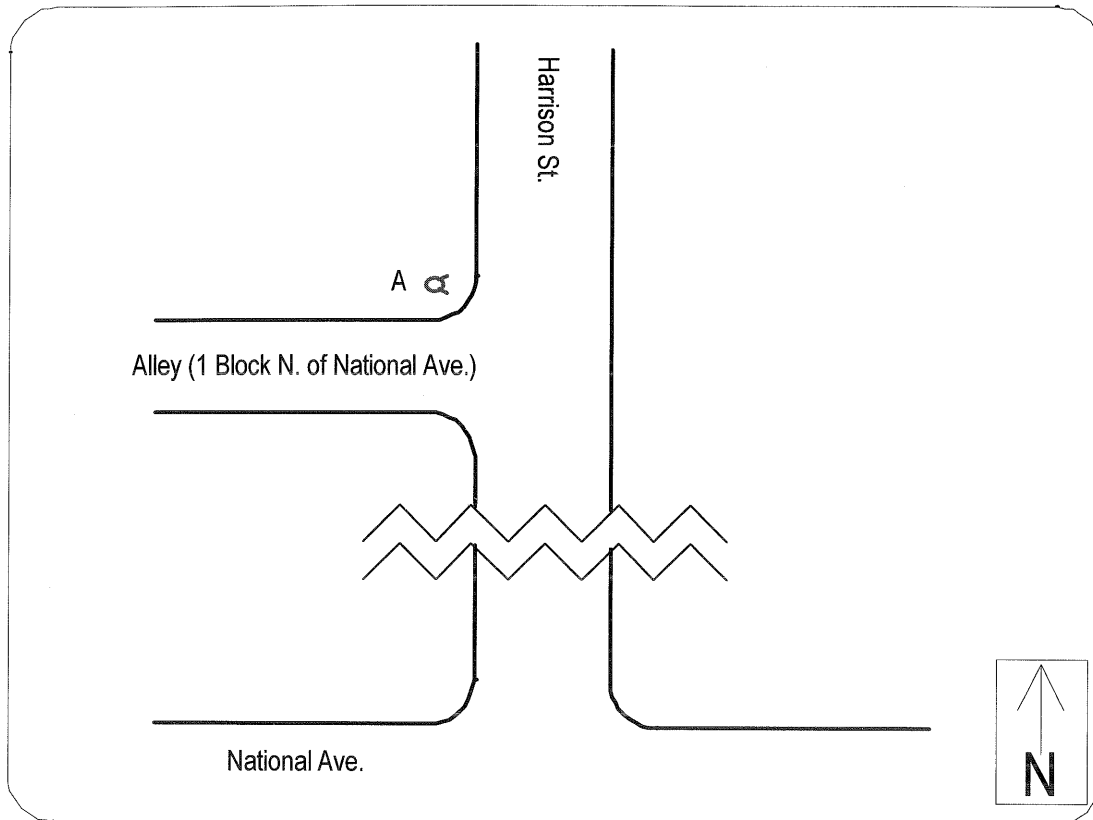
**Time:** 07:53

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Harrison Street & National Avenue

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

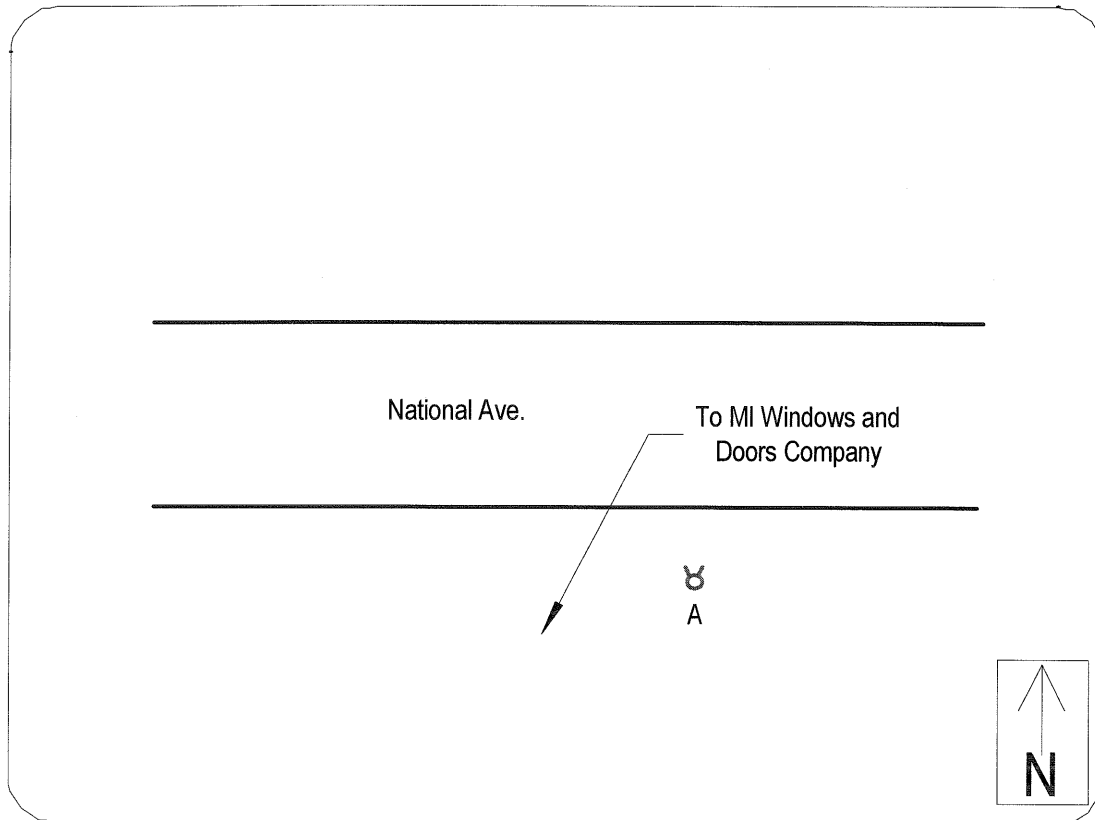
**Time:** 10:44

**Date:** Friday, September 16, 2005

**Tech:** David C. & Eric B.

**Address:** National Avenue & MI Windows and Doors Company

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This was a hydrant leak. We tightened the hydrant top nut and the leak noise quit. This leak is fixed.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*



**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

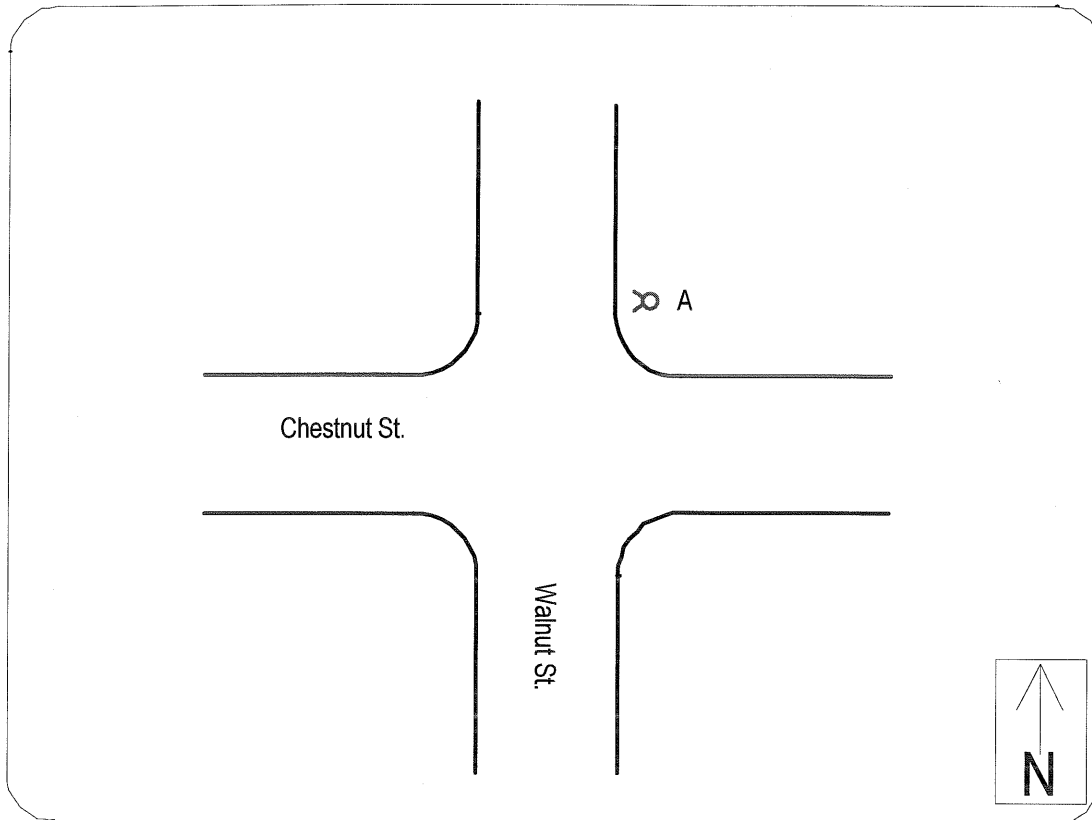
**Time:** 08:42

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Walnut Street & Chestnut Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

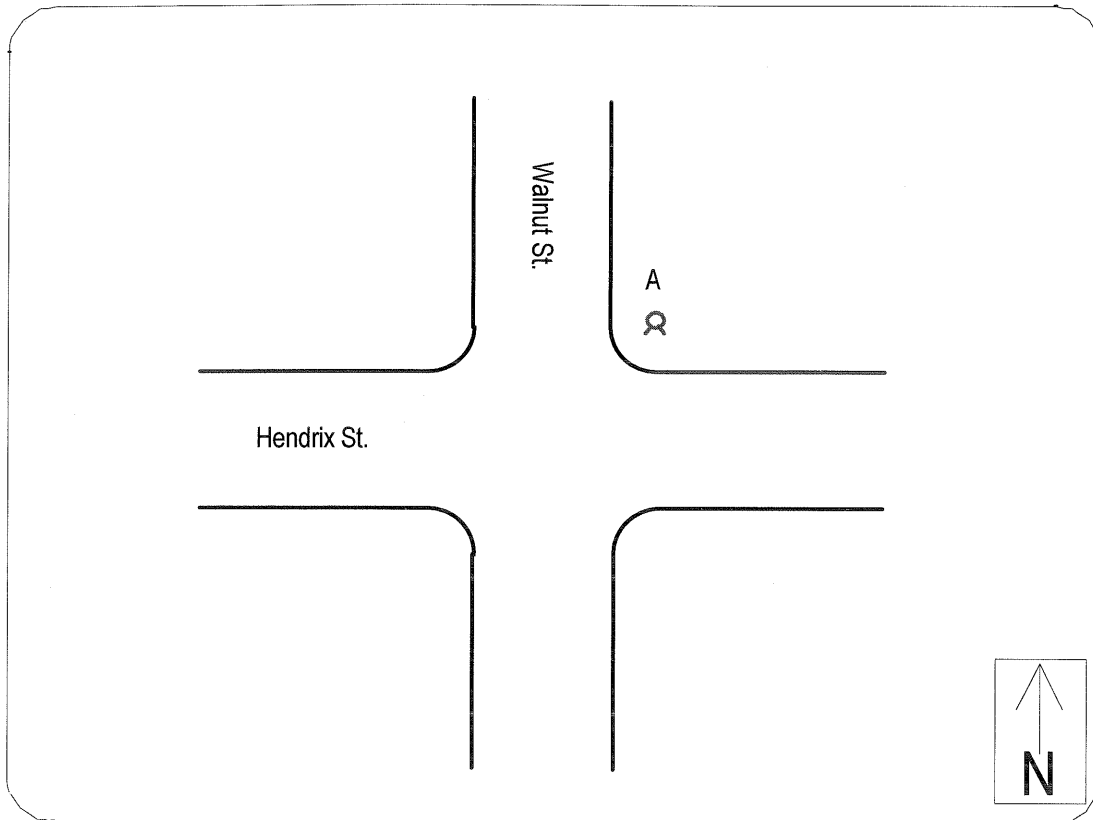
**Time:** 11:30

**Date:** Tuesday, September 20, 2005

**Tech:** David C. & Eric B.

**Address:** Walnut Street & Hendrix Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

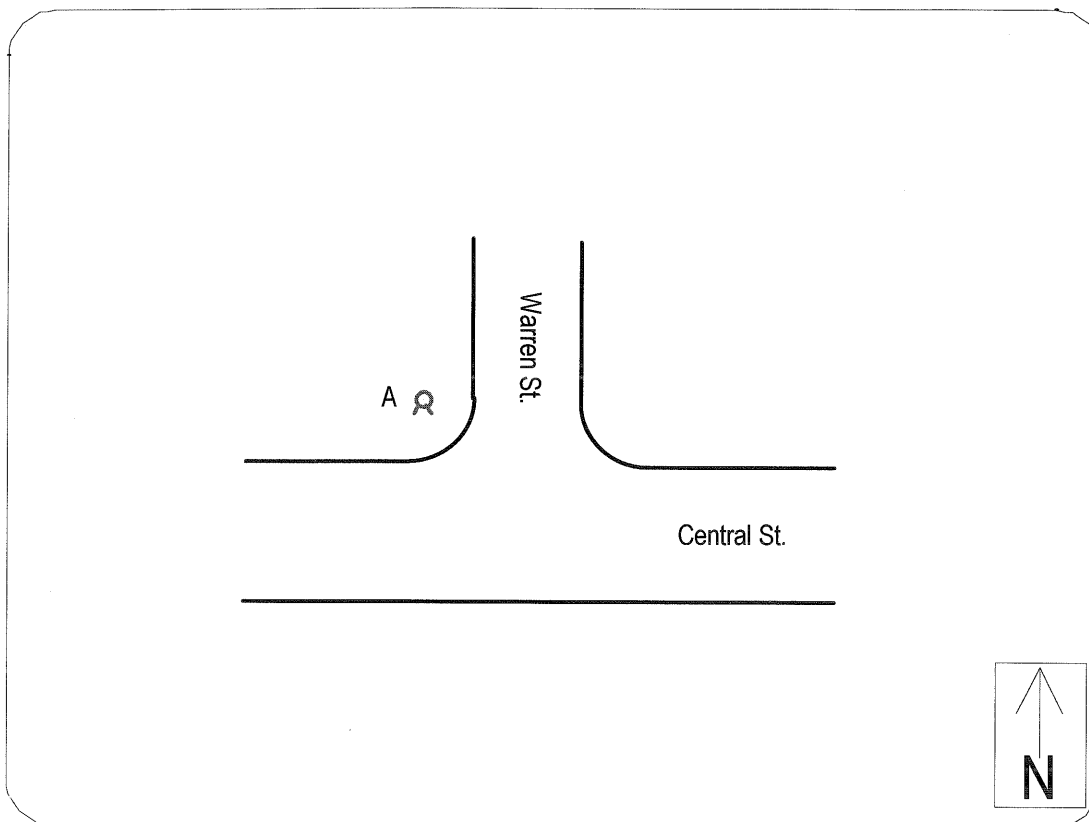
**Time:** 08:56

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Warren Street & Central Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

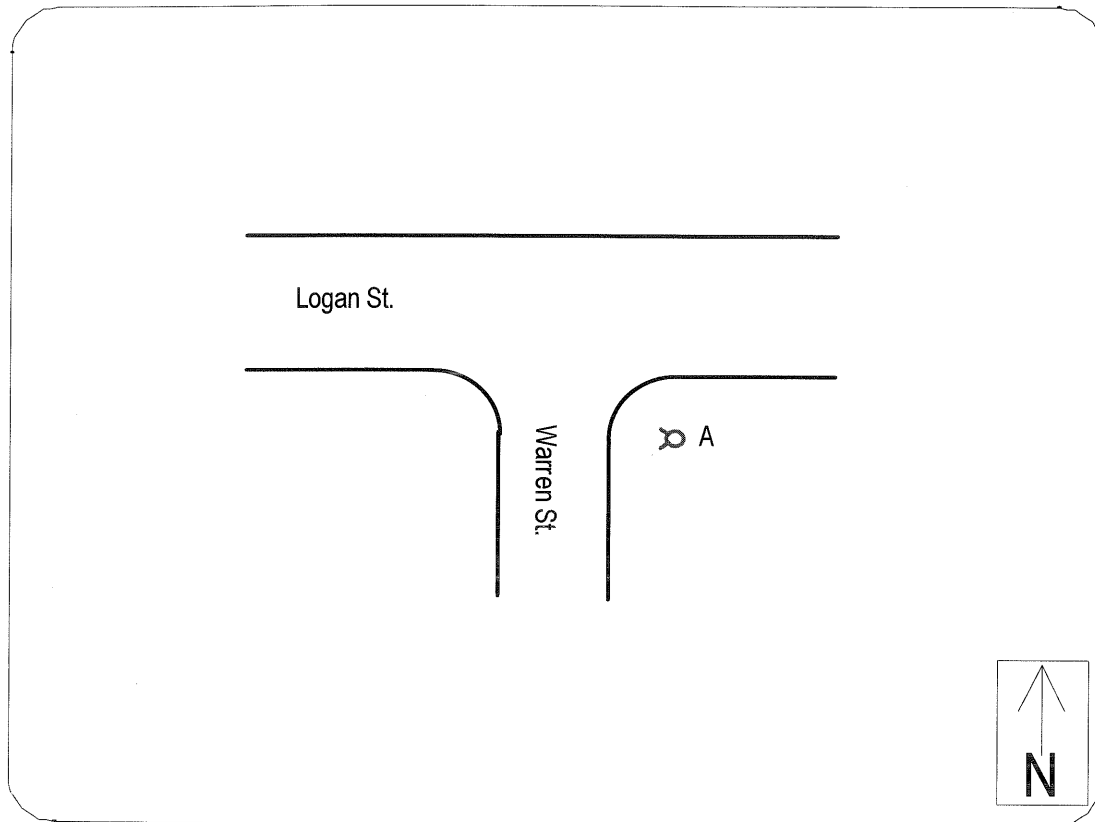
**Time:** 08:50

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Warren Street & Logan Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

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**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

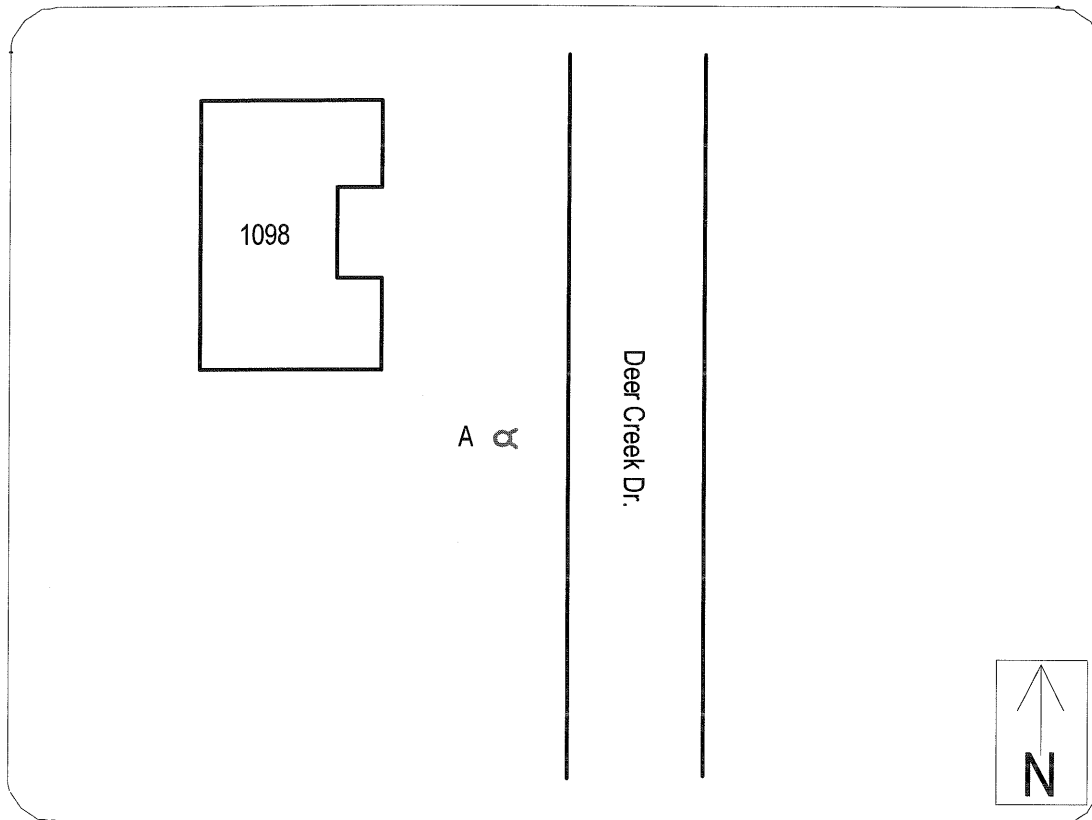
**Time:** 10:09

**Date:** Wednesday, September 21, 2005

**Tech:** David C. & Eric B.

**Address:** 1098 Deer Creek Drive

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This was a hydrant leak. We tightened the hydrant top nut and the leak noise quit. This leak is fixed.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

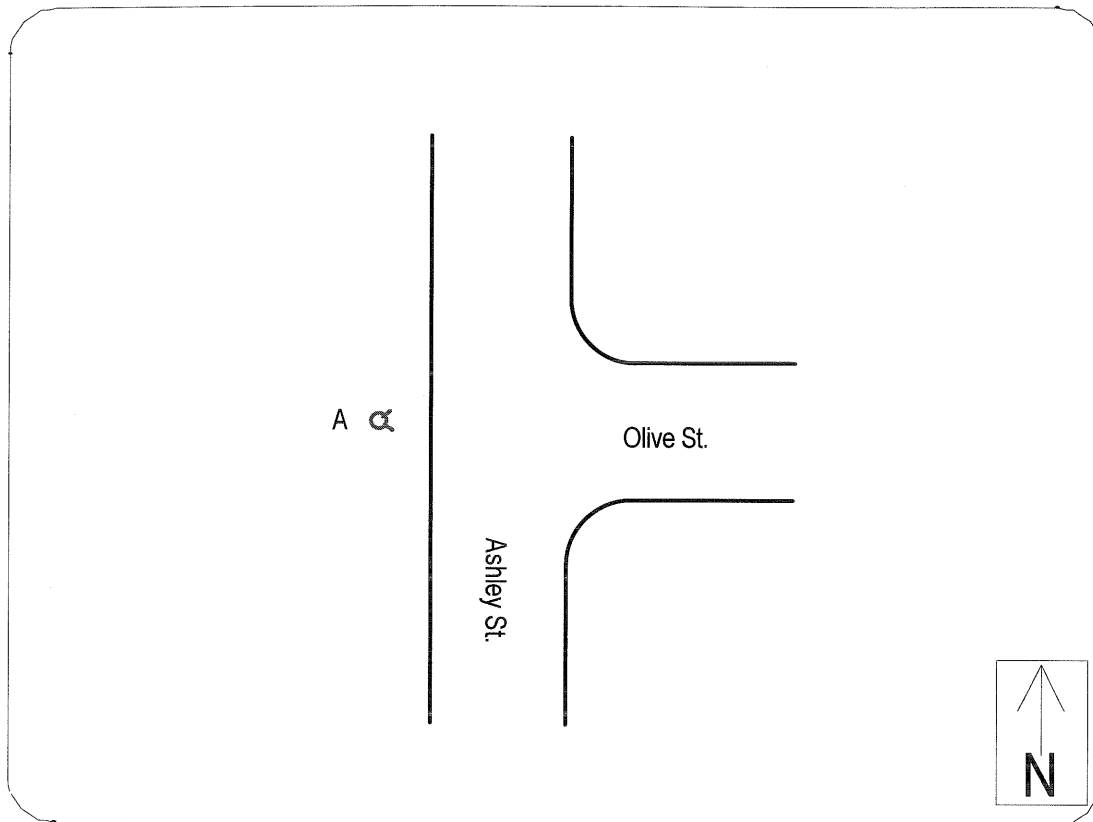
**Time:** 09:03

**Date:** Monday, September 19, 2005

**Tech:** David C. & Eric B.

**Address:** Ashley Street & Olive Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

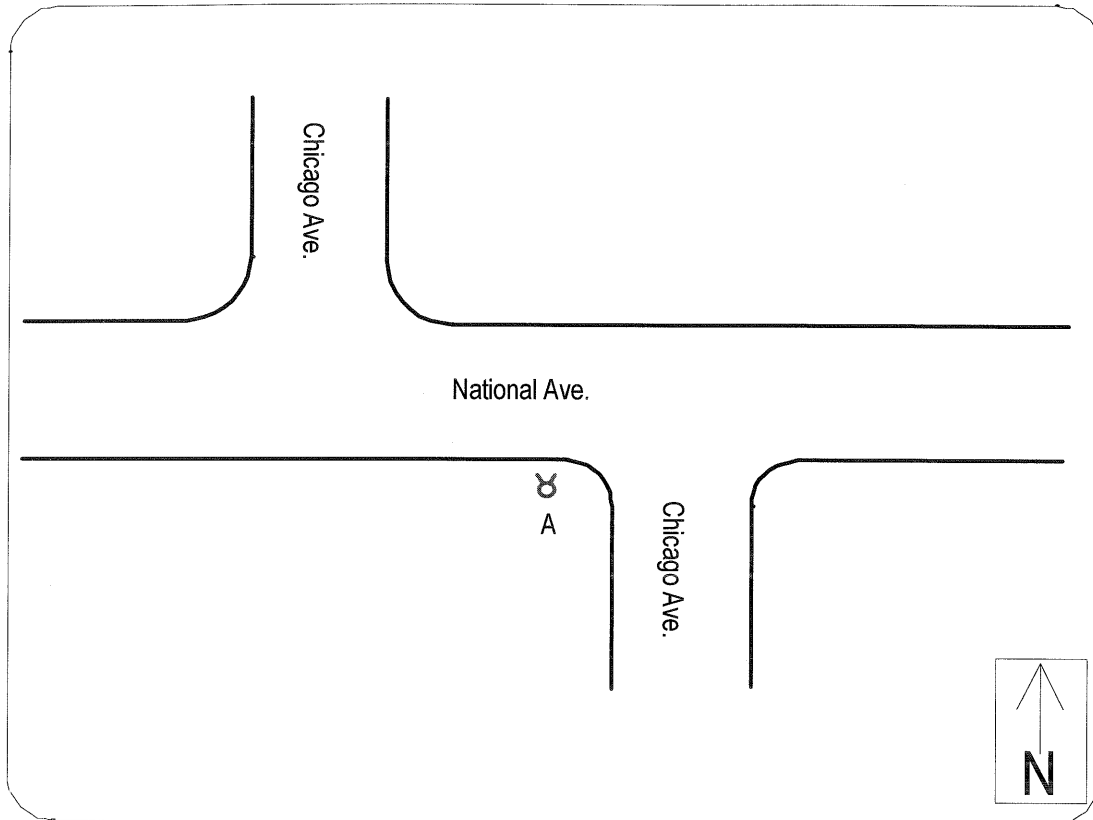
**Time:** 09:40

**Date:** Thursday, September 22, 2005

**Tech:** David C. & Eric B.

**Address:** Chicago Avenue & National Avenue

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Brazil, Indiana

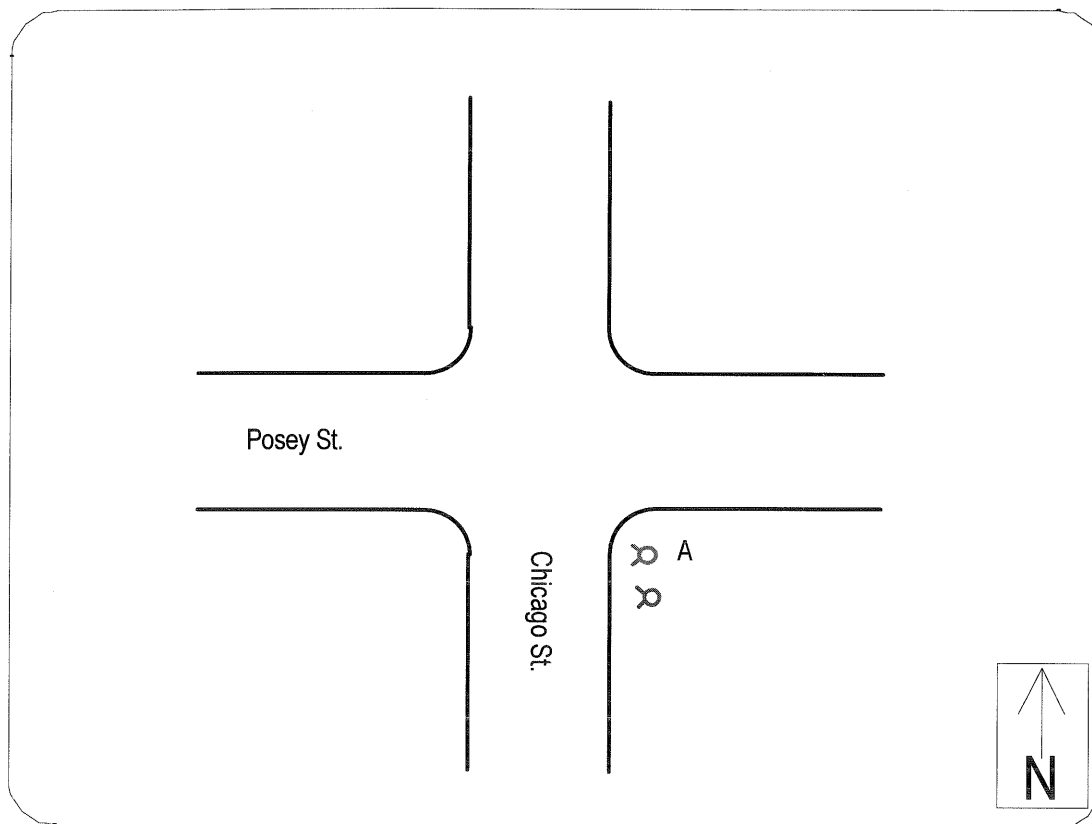
**Time:** 09:57

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Chicago Street & Posey Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This was a hydrant leak. We tightened the hydrant top nut and the leak noise quit. This leak is fixed.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*



**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

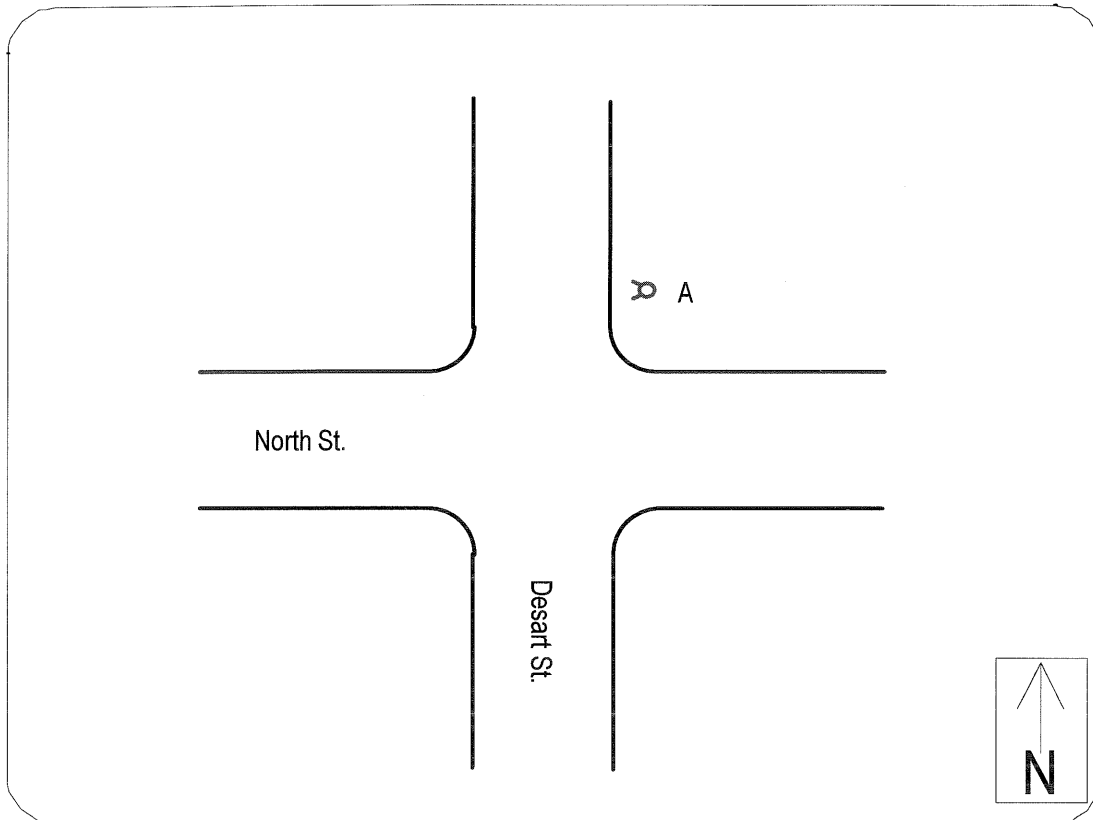
**Time:** 11:30

**Date:** Wednesday, September 21, 2005

**Tech:** David C. & Eric B.

**Address:** Desart Street & North Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

**M.E. SIMPSON COMPANY, INC.**

**LEAK LOCATION REPORT**

**Client:** Brazil, Indiana

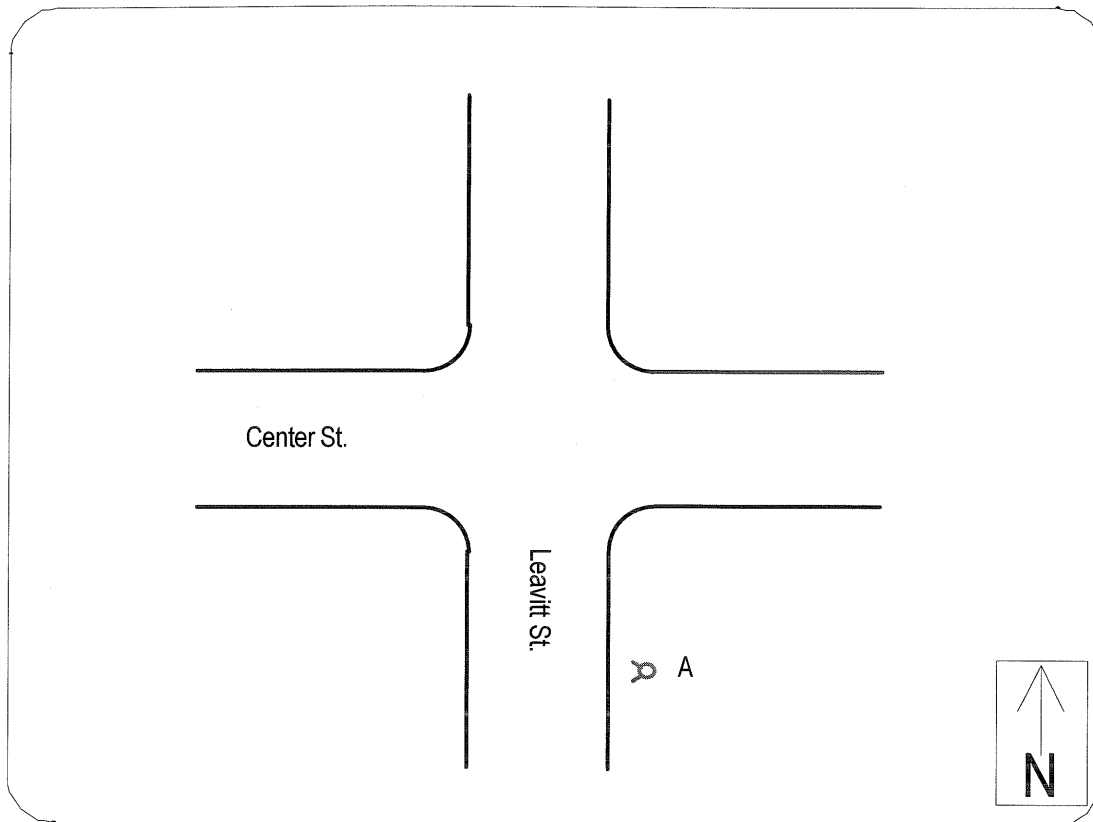
**Time:** 09:50

**Date:** Monday, September 12, 2005

**Tech:** David C. & Eric B.

**Address:** Leavitt Street & Center Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*